

Stevens, Jim

Subject: Fantastic Caverns update and task needs
Location: R7-RO1.2-A20-20/R7-RO;R7-Conflin-913-551-7613-P10XXXX/Phone/R7-RO

Start: Mon 8/29/2016 2:00 PM
End: Mon 8/29/2016 2:45 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Bernard-Drakey, Jamie
Required Attendees: Jackson, Robert W.; Peterson, Mary; David Hoefer; Beringer, Mike; Schumacher, Kelly; Stevens, Jim; Buchholz, Ken
Optional Attendees: Evans, Erin; Ruiz, Adam; Juett, Lynn

On Phone Tonya, Erin

Agenda

Brief summary site history and data

MDNR Consent Decree and current Site Assessment

Region 7 toxicologist data needs from current Site Assessment

Need for specialized air flow dynamics data and Site Assessment technical support using USGS IA

Site scored for NPL (Litton Systems) but is in the MDNR Cooperative program

No SSID on site

Mary P. - does the PRP have a consultant that can take on

MDHSS - fact sheet, what is the purpose of this.



40551416

Superfund

8/29/16

52

EPA requests for
^ Toxicologist data needs:

Reasonable maximum exposure

- 1) Tour model at locations in the cave, total time, time at each location
- 2) Greatest number tours per day any guide
- 3) Total hours worked in cave per day and work locations include lunch
- 4) Total days per week worked
- 5) Tenure in the job, long term or seasonal
- 6) Non-guide employees scenario
- 7) Air flow and temperatures in cave, changes in air flow and temperature seasonally (risk evaluation and risk management)

Agenda Fantastic Caverns 8/29/16

Purpose: Clarify ongoing tasks during MDNR Site Assessment

MDNR activity: Tomorrow meet with PRP Litton Systems site (Northrop-Grumman);
Next week meet with cave owner

Brief summary site history and data

Map with all air data and table
Site assessments: last in 2006, MDNR consent decree, NFRAP in SEMS
Site scores for the NPL; Cooperative Program MDNR

MDNR Consent Decree and current Site Assessment

Litton Site name and no SSID right now
Parallel tasks to support/review MDNR approach and be ready if needed to lead

Region 7 toxicologist data needs from current Site Assessment

Sent MDNR list R7 toxicologist data needs, see handout
Air flow conceptual model data needs

- Jamie has been working up an agreement to bring
on USGS if we take over the Site

Need for specialized air flow dynamics data and Site Assessment technical support using USGS IA

Risk assessment needs and risk management needs
Readiness if site referred in future
Takes a while to construct this data
Supporting MDNR quality site assessment effort
Reviewing PRP expertise

Bob - When they ^{MDNR} have the lead then R7 can not spend
monies
- R7 is oversight role, we can take the site over
if they are not doing